

COMPENSATED VARIABLE OPTICAL ATTENUATOR

ABSTRACT OF THE DISCLOSURE

An electrically variable optical attenuator and associated methods are disclosed. In one aspect, the attenuator includes at least
5 one sensor that provides a sensor output with respect to a variable that affects attenuation. Methods of characterizing the attenuator include obtaining a set of attenuation/sensed variable data, and generating a relationship (such as a look-up table or mathematical function) relating the sensed variable to the attenuation. Aspects of the invention also
10 include characterizing the control input/attenuation output to be related by a selected mathematical function.